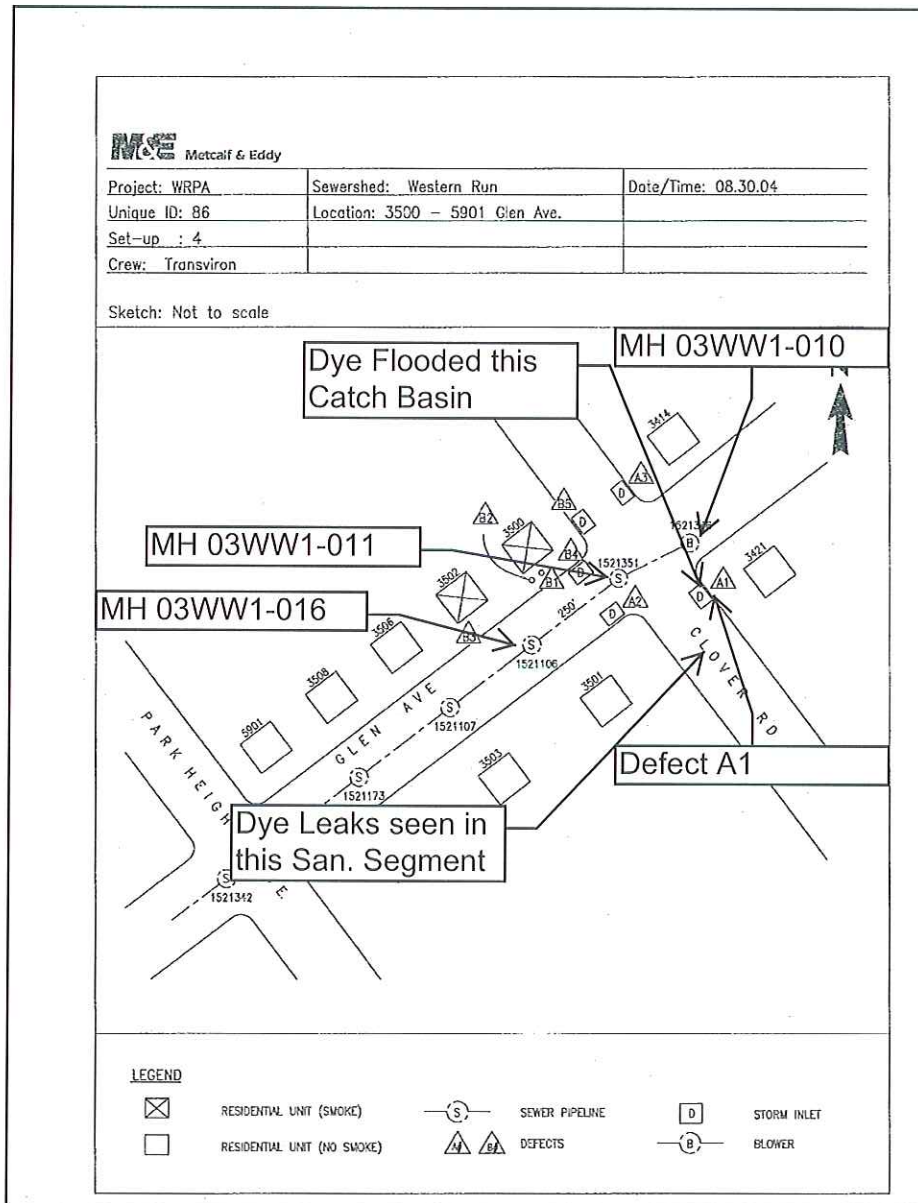




## Smoke and Dye-Water Observation Summary

### Western Run Pilot Project - Baltimore Maryland

#### FIELD SKETCH



Sketch No: 86

#### Filename Path:

X:\Baltimore City\Western Run Pilot Area - Data Files\Smoke Testing\Pictures\Sketches\86.tif

Image Status: Image found and displayed.

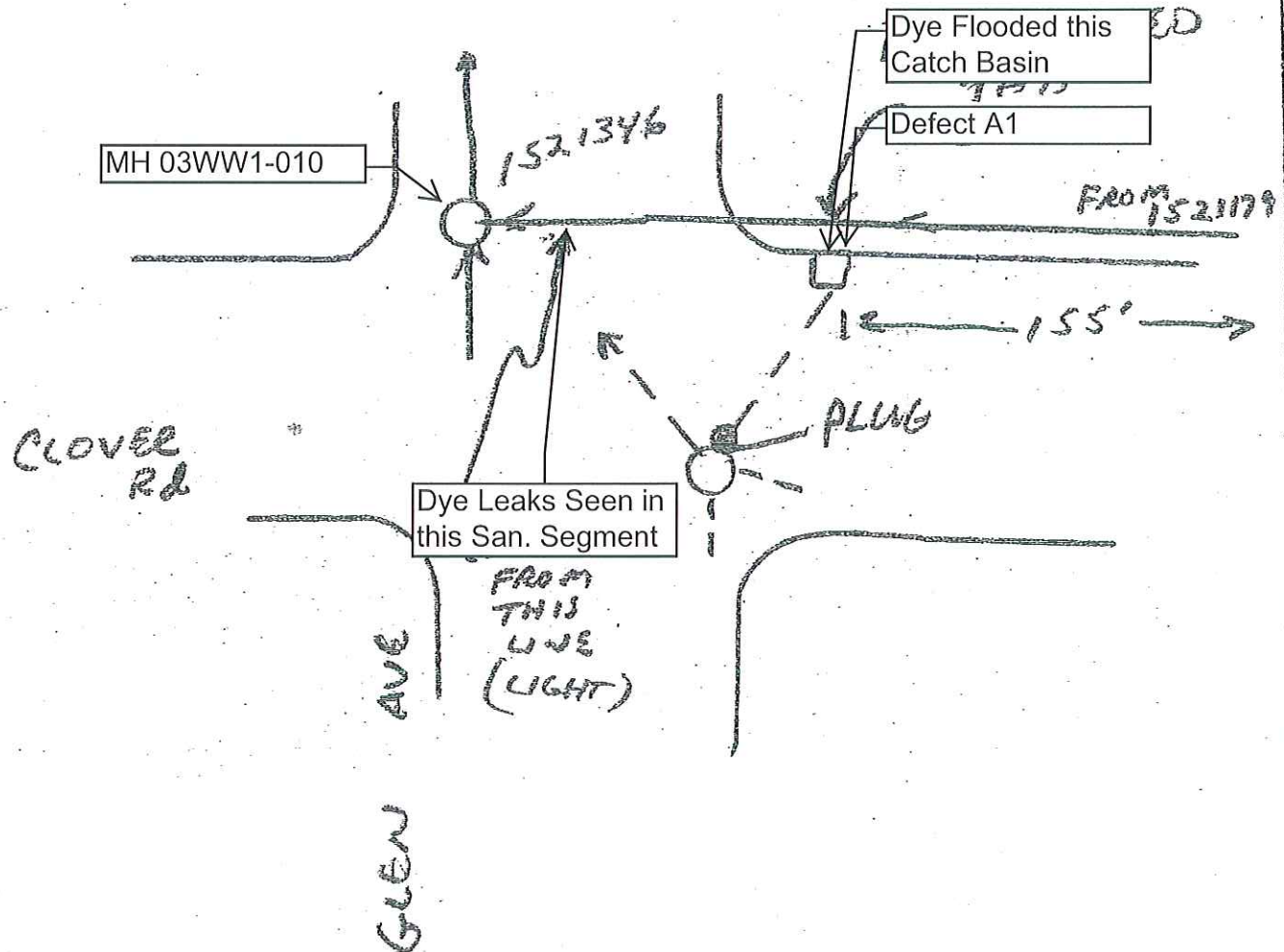
NOTE: Sanitary sewer alignments and connectivity in the Western Run GIS have been revised following smoke testing to reflect updated information from various sources and may no longer match the field sketches shown.

# DYE TESTING FORM

Sketch (NTS)

Dye Test 86

Show North Arrow



RESULT CODES	SOURCE TYPE CODES			
1. POSITIVE	1. MAIN SEWER	5. DOWN SPOUT	9. STAIRWELL DRAI	13. STORM DRAIN
2. NEGATIVE	2. SERVICE LINE	6. DWNSPT CONN.	10. FOUNDATION DRAIN	14. CATCH BASIN
3. CANNOT TEST	3. TRANSITION JOIN	7. AREA DRAIN	11. BUILDING INTERIOR	15. STORM MH
	4. CLEAN OUT	8. DRIVEWAY DRAIN	12. MH FRAME/SEAL	16. STORM DITCH

Additional Comments: THIS FLOODING (PLUG) HELD VERY WELL. THE C.B. RECEDED VERY SLOW. THE LEAK(S) ARE BE VERY SMALL. ONE SM. JOINT LEAK SEEN. (155' FROM 1521179 TO C.B. AREA.)

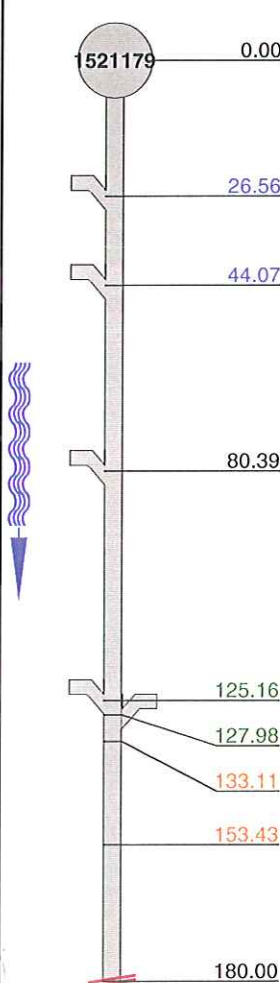
## INSPECTION REPORT

DATE: 03/29/2005	WORK ORDER:	WEATHER: CLOUDY, DRY	OPERATOR: J.A.M.	SECTION NR: 19	SECTION NAME:
PRESENT:	VEHICLE: TV 175	CAMERA: PAN/TILT	PRESET:	CLEANED: NO	RATE: 1160

STREET: CLOVER RD. TEST 86 A1	MAP #1: 1	MH: 1521179
CITY: BALTIMORE	MAP #2:	MH: 1521346
LOCALE: MAIN RESIDENTIAL STREET	TAPE #: JAM 2	TV'D LGTH: 180 ft

INSPECT REASON: DYE TESTING	PIPE SIZE: 8 in
SECTION TYPE: WASTEWATER	MATERIAL: VCP JT LGTH: 3 ft
AREA: 01-WR19	LINING: NO RELINING
	RSRVD:

REMARK: DYE TEST # 86 A 1

1:450	DIST	OBSERVATION	RATE	VCR #	PH
	0.00	inspection begins at upstream manhole. 1521179	0	00:21:23	
	26.56	service connection with roots medium at 03 o'clock	2	00:23:06	17a
	44.07	service connection with roots medium at 03 o'clock	2	00:24:12	18a
	80.39	service connection capped at 03 o'clock	0	00:25:54	
	125.16	break-in-connection at 03 o'clock	1	00:28:17	
	127.98	break-in-connection at 09 o'clock	1	00:28:40	
	133.11	Circumferential Fracture from 12 to 12 o'clock	3	00:29:36	22a
	153.43	Infiltration Running at joint at 08 o'clock, VERY HARD TO SEE camera lens dirty and leak is small		00:36:28	
	180.00	camera blocked, inspection abandoned, TOO MUCH DEBRIS	0	00:35:49	23a



## INSPECTION IMAGES

CITY:	STREET:	DATE:	SECTION NR:	SECTION NAME:
BALTIMORE	CLOVER RD. TEST 86 A1	03/29/2005	19	



IMAGE: 17a, TAPE #: JAM 2, 00:23:06  
26.56FT, service connection with roots medium at 03 o'clock



IMAGE: 18a, TAPE #: JAM 2, 00:24:12  
44.07FT, service connection with roots medium at 03 o'clock



IMAGE: 22a, TAPE #: JAM 2, 00:29:36  
133.11FT, Circumferential Fracture from 12 to 12 o'clock



IMAGE: 23a, TAPE #: JAM 2, 00:35:49  
180FT, camera blocked, inspection abandoned, TOO MUCH DEBRIS